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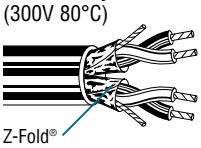
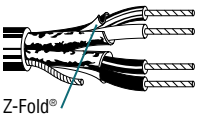
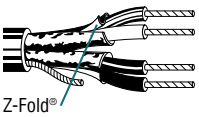
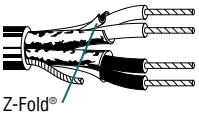
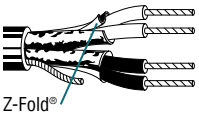
Individually Shielded

Audio, Control and Instrumentation Cables
Plenum-Rated and Non-Plenum

Jameco Part Number 234181
(8723-060-500)

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Nom. DCR Cond.	Nom. DCR Shield	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance * pF/ Ft.	Nom. Capacitance * pF/ m	Nom. Capacitance ** pF/ Ft.	Nom. Capacitance ** pF/ m
22 AWG Stranded (7x30) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Beldfoil® • 22 AWG Stranded TC Drain Wire																		
Semi-rigid PVC Insulation • Pale Fawn Beige PVC Jacket (Shielded Pairs Parallel under Jacket)																		
UL AWM Style 2464 (300V 80°C)  Z-Fold®	**9406**	NEC: CMG CEC: CMG FT4	2	Black & White, Black & Yellow	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.2 16.5 17.0 33.0 33.0	1.9 7.5 7.7 15.0 15.0	15.0Ω/M′ 49.2Ω/km	13.0Ω/M′ 42.7Ω/km	.173 x .280	4.39 x 7.11	50	60%	50	164	95	312
22 AWG Stranded (7x30) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Beldfoil • 24 AWG Stranded TC Drain Wire																		
Polypropylene Insulation • Chrome PVC Jacket (Pairs Cabled on Common Axis to Reduce Diameter)																		
300V RMS 60°C  Z-Fold®	**8723**	NEC: CM CEC: CM	2	Red & Black, Green & White	100 U-500 500 U-1000 1000 1640 U-2000 2000 3280 5000 10000	30.5 U-152.4 152.4 U-304.8 304.8 499.9 U-609.6 609.6 999.7 1524.0 3048.0	2.3 10.5 10.0 20.0 20.0 32.8 40.0 40.0 65.6 95.0 200.0	1.0 4.8 4.5 9.1 9.1 14.9 18.2 18.2 29.8 43.2 90.9	15.0Ω/M′ 49.2Ω/km	16.6Ω/M′ 54.5Ω/km	.168	4.27	45	66%	35	115	62	203
Plenum • Halar® Insulation • Natural Flamarrest® Jacket (Pairs Cabled on Common Axis to Reduce Diameter)																		
300V RMS, Non-conduit  Z-Fold®	**82723**	NEC: CMP CEC: CMP FT6	2	Red & Black, Green & White	U-500† U-1000 1000† U-2000†	U-152.4 U-304.8 304.8 U-609.6	10.0 19.0 20.0 38.0	4.5 8.6 9.1 17.3	14.7Ω/M′ 48.2Ω/km	16.6Ω/M′ 54.5Ω/km	.148	3.76	36	62%	43	141	75	246
Plenum • FEP Insulation • Red FEP Jacket (Pairs Cabled on Common Axis to Reduce Diameter)																		
300V RMS, Non-conduit  Z-Fold®	**88723**	NEC: CMP CEC: CMP FT6	2	Red & Black, Green & White	100 500 1000	30.5 152.4 304.8	3.4 11.0 21.0	1.5 5.0 9.5	16.0Ω/M′ 52.5Ω/km	14.7Ω/M′ 48.2Ω/km	.148	3.76	40	69%	35	115	67	220
Plenum • FEP Insulation • Red Fluorocopolymer Jacket (Pairs Cabled on Common Axis to Reduce Diameter)																		
300V RMS, Non-conduit  Z-Fold®	**87723**	NEC: CMP CEC: CMP FT6	2	Red & Black, Green & White	500† 1000†	152.4 304.8	11.0 20.0	5.0 9.1	16.0Ω/M′ 52.5Ω/km	14.7Ω/M′ 48.2Ω/km	.148	3.76	40	69%	35	115	67	220

For Plenum versions of 8723, see 88723, 87723 or 82723.

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.
**Capacitance between one conductor and other conductors connected to shield.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length show.

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